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HIGHWAY STANDARDS

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- 001006
- 280001-07
- 482001-02
- 701001-02
- 701006-05
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- 781001-04

GENERAL NOTES

1. FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT-MIX ASPHALT	2.016 TONS/CU YD
ALL AGGREGATE	2.050 TONS/CU YD
2. THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT AND SHOULDER SLOPES SHALL NOT EXCEED 10%. THE SHOULDER ON THE OUTSIDE OF SUPERELEVATED CURVES SHALL BE ADJUSTED ACCORDINGLY.
3. THE QUANTITY OF SHORT TERM PAVMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA BINDER COURSE AND SURFACE COURSE.
4. AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.
5. HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.
6. LONGITUDINAL JOINT SEALANT SHALL BE PLACED UNDER THE HMA SURFACE COURSE.
7. INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE PAVED IN A SEPARATE OPERATION FROM THE MAINLINE PAVEMENT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

LOCATIONS	SURFACE COURSE INCIDENTAL (TOP LIFT)	BINDER COURSE INCIDENTAL (LOWER LIFT)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
THICKNESS	1.5"	1.5"
AG/PG:	PG 64-22	PG 64-22
ABPR% (MAX):		
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5mm	IL-9.5mm FINE GRADED
FRICTION AGGREGATE	MIX "C"	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	3000	3000
MATERIAL TRANSFER DEVICE	NO	NO

LOCATIONS	HMA SHOULDERS (TOP LIFT)	HMA SHOULDERS (LOWER LIFTS)
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70
THICKNESS	1.5"	8.5" (4" MAX LIFT)
AG/PG:	PG 64-22	PG 64-22
ABPR% (MAX):		
DESIGN AIR VOIDS:	4.0%, 70 GYRATION DESIGN	4.0%, 70 GYRATION DESIGN
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL-9.5mm	IL-9.5mm FINE GRADED
FRICTION AGGREGATE	MIX "C"	NONE
MIXTURE WEIGHT:	112 LBS/SQ YD/IN	112 LBS/SQ YD/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	3000	3000
MATERIAL TRANSFER DEVICE	NO	NO

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CITY OF HERRIN

**GENERAL NOTES, INDEX OF SHEETS,
HIGHWAY STANDARDS & COMMITMENTS**

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9612	25-00078-00-RS	WILLIAMSON	8	2
CONTRACT NO. 99775				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				WILLIAMSON 80% STATE 20% LOCAL ROADWAY	0005 RURAL
35600704	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	SQ YD	101		101
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1142		1142
40600370	LONGITUDINAL JOINT SEALANT	FOOT	9340		9340
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	344		344
40600990	TEMPORARY RAMP	SQ YD	49		49
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1977		1977
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1977		1977
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	22		22
44000100	PAVEMENT REMOVAL	SQ YD	302		302
48101200	AGGREGATE SHOULDERS, TYPE B	TON	681		681
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	279		279
67100100	MOBILIZATION	L SUM	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1

* SPECIALTY ITEM



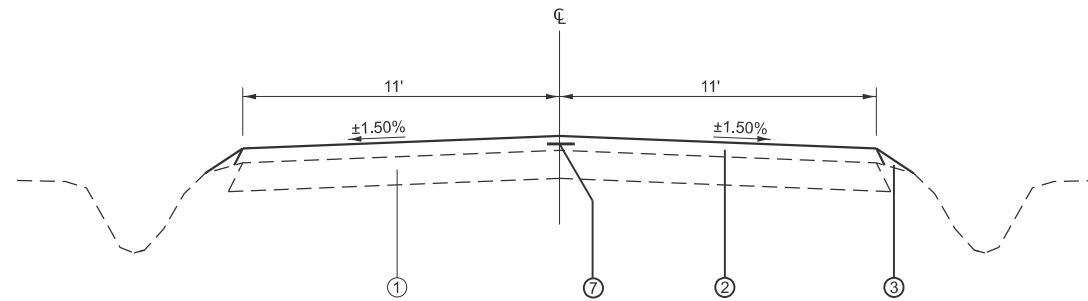
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CITY OF HERRIN

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9612	25-00078-00-RS	WILLIAMSON	8	3
CONTRACT NO. 99775				
ILLINOIS FLD. AID PROJECT				

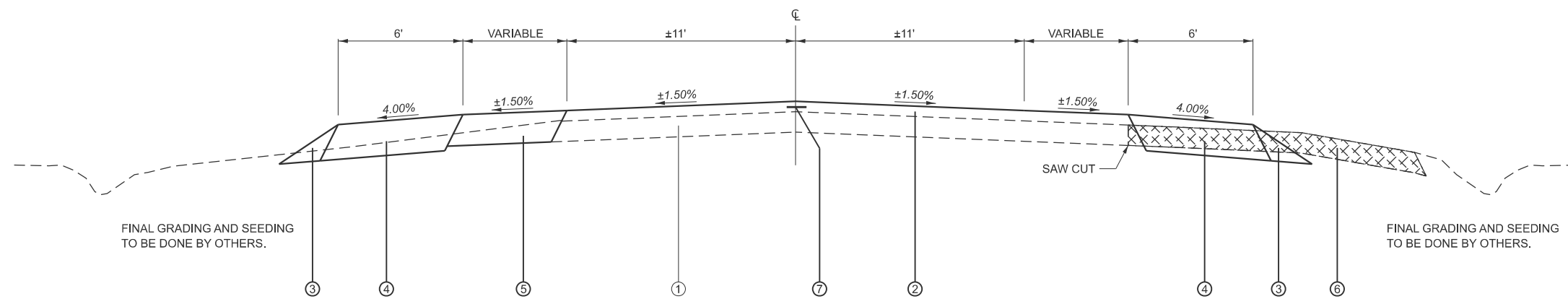


TYPICAL SECTION

BANDYVILLE ROAD (FAU 9612) - STA 11+98.68 TO STA 88+38.57
 CRENSHAW ROAD (FAU 9600) - STA 86+87.81 TO STA 102+00.00

LEGEND

- ① EXISTING HOT-MIX ASPHALT OVER OIL & CHIP (THICKNESS UNKNOWN)
- ② HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70 (1 1/2")
& HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/2")
- ③ AGGREGATE SHOULDERS, TYPE B
- ④ HOT-MIX ASPHALT SHOULDERS - 10 INCH
- ⑤ HOT-MIX ASPHALT BASE COURSE WIDENING, 7"
- ⑥ PAVEMENT REMOVAL
- ⑦ LONGITUDINAL JOINT SEALANT TO BE PLACED ON FIRST LIFT



INTERSECTION TYPICAL SECTION

BANDYVILLE ROAD (FAU 9612) - STA 10+11.00 TO STA 11+98.68

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CITY OF HERRIN

TYPICAL SECTIONS

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9612	25-00078-00-RS	WILLIAMSON	8	5
CONTRACT NO. 99775				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE

LOCATION	HOT-MIX ASPHALT BASE COURSE WIDENING, 7"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	INCIDENTAL HOT-MIX ASPHALT	AGGREGATE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 10"	LONGITUDINAL JOINT SEALANT
	SQ YD	POUND	TON	TON	TON	TON	SQ YD	FOOT
BANDYVILLE RD								
10+11.00 TO 10+68.04	100.37							
10+11.00 TO 11+98.88		22.94	82.9	82.9				187.9
10+84.88 TO 88+38.57 LT						284.3		
11+98.88 TO 88+38.57		933.76	1583.2	1583.2				
11+98.88 TO 88+38.57 RT						280.1		7639.7
62+28 SRL					10.2			
69+37 PER					2.5			
76+48 PER					3.3			
77+10 PER					4.2			
81+21 PER					1.3			
INTERSECTION								
RR LT						7.1	132.2	
RR RT						7.9	146.2	
CRENSHAW RD								
86+87.87 TO 98+21.71 LT						41.6		
86+87.87 TO 102+00.00		184.92	310.67	310.67				1512.13
86+87.87 TO 102+00.00 RT						55.5		
100+90.00 TO 102+00.00						4		
SCHEDULE TOTAL	100.37	1141.62	1976.77	1976.77	21.5	680.5	278.4	9339.73
SCHEDULE PAY	101	1142	1977	1977	22	681	279	9340

REMOVAL SCHEDULE

LOCATION	PAVEMENT REMOVAL SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD
BANDYVILLE RD		
10+11.00 TO 11+08.00 RT	302	
87+98.57 TO 88+38+57		98
CRENSHAW RD		
86+87.81 TO 87+37.81		123
101+50.00 TO 102+00.00		123
SCHEDULE TOTAL	302	344
SCHEDULE PAY	302	344

PAVEMENT MARKING SCHEDULE

LOCATION	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PREFORMED PLASTIC PAVEMENT MARKING, TY B-STANDARD-LINE 4"	PREFORMED PLASTIC PAVEMENT MARKING, TY B-STANDARD-LINE 12"	PREFORMED PLASTIC PAVEMENT MARKING, TY B-STANDARD-LINE 24"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	GROOVING FOR RECESSED PAVEMENT MARKING 13"	GROOVING FOR RECESSED PAVEMENT MARKING 25"	RAISED REFLECTIVE PAVEMENT MARKER
	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH
BANDYVILLE RD									
10+11.00 TO 88+38.57									98
10+11.00 TO 88+38.57	CTR SKIIP YELLOW	711	235	1565.51		1565.51			
10+18.00 TO	STOP BAR				20		20		
10+50.19 TO 88+38.57	LEFT WHITE			7788.38		7788.38			
10+51.00 TO 88+38.57	RIGHT WHITE			7787.57		7787.57			
INTERSECTION									
WEST RR	WHITE SOLID			62.62		62.62			
EAST RR	WHITE SOLID			62.62		62.62			
WEST RR	CHEVRON WHITE				215		215		
EAST RR	WHITE SOLID				215		215		
CRENSHAW RD									
86+87.00 TO 99+49.26	LEFT WHITE			1262.26		1262.26			
86+87.00 TO 102+00.00	RIGHT WHITE			1513		1513			
86+87.00 TO 102+00.00	CTR DBL YELLOW	138	46	3026		3026			
86+87.00 TO 102+00.00	AMBER								19
SCHEDULE TOTAL		849	281	23067.96	430	23067.96	430	20	117
SCHEDULE PAY		849	281	23068	430	23068	430	20	117

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CITY OF HERRIN

SCHEDULES OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9612	25-00078-00-RS	WILLIAMSON	8	6
CONTRACT NO. 99775				
		ILLINOIS	FED. AID PROJECT	

